

Peak District National Park

Forecast valid from 00:00 on Wednesday 01 Nov 2023 until 23:59 on Thursday 02 Nov 2023
Forecast Issued on Tuesday 31 Oct 2023 at 16:03

Confidence: High for unsettled conditions through Wednesday and Thursday but lower for details due to uncertainties over exact track of Storm Ciaran. Medium confidence for rather more settled later in week.

Headline for Wednesday 01 Nov 2023: Early rain then showers. Breezy

Mountain weather hazards on Wednesday 01 Nov 2023		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Medium Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Light rain	Heavy Rain	Light rain	Light rain showers	Light rain showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
70%	90%	70%	50%	30%	30%	20%	<05%

Forecast for Wednesday 01 Nov 2023

Weather: Mostly cloudy overnight with occasionally heavy rain. Early, occasionally heavy, rain clearing northeast through the morning with sunny spells and showers developing by midday, the showers may be heavy for a time in the afternoon before dying out later. Becoming cloudier again through the evening with rain in west by midnight.

Chance of cloud-free hill tops above 600m: Little chance at first rising becoming around 75% by late morning.

Low cloud and visibility: Periods or persistent 450-600m at first becoming more occasional above 600m. Otherwise visibility very good falling to several kilometres in rain and heavier showers.

Forecast for Wednesday 01 Nov 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 SE	22/29 SE	25/34 S	23/32 S	25/35 SW	28/38 SW	25/36 SW	21/31 S	22/31 SE
300	14/24 SE	17/27 SE	18/28 S	17/27 S	19/29 S	19/29 SW	16/26 SW	14/24 S	15/27 SE
Valley	8/19 E	10/24 SE	11/27 SE	11/26 S	14/28 S	14/29 SW	11/25 SW	9/22 S	11/25 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	7/2	9/5	8/4	8/3	6/0	5/-1	4/-2	4/-2
300	9/6	9/6	11/8	11/8	10/7	9/5	7/3	6/2	6/2
Valley	9/7	10/7	11/9	11/9	11/8	10/7	8/5	6/3	6/3
Freezing Level*	1900m	2200m	2200m	1900m	1600m	1300m	1200m	1100m	1300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Gusts around 45mph over higher peaks, with an increasing chill effect through the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 31 Oct 2023	10.2mm	14.6mm	21.2mm

Forecast for Thursday 02 Nov 2023

Weather: Cloudy with occasionally heavy rain through the early hours. Then a mostly cloudy day with further outbreaks of rain, these heavy and persistent at times.

Maximum wind: Southeasterly 20-25mph soon backing northeasterly 30-35mph, with risk of gusts 55mph over higher peaks through the early hours. Winds ease a little soon after dawn and turn more northerly 15-20mph by early afternoon.

Chance of cloud-free hill tops above 600m: Little chance through much of the day.

Low cloud and visibility: Periods or persistent above 450-600m. Away from cloud visibility good falling several kilometres in rain.

Temperature: **Valleys:** Around plus 6 Celsius rising to plus 11 Celsius

At 600m: Around plus 5 or 6 Celsius

Freezing level: Above the summits.